

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 81-41

NPDES NO. CA0028177

REISSUANCE OF WASTE DISCHARGE REQUIREMENTS FOR:

MILPITAS MATERIALS CO.

MILPITAS, SANTA CLARA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board) finds that:

1. Milpitas Materials Company, hereinafter called the discharger, by application dated April 14, 1981, has applied for renewal of waste discharge requirements and a permit to discharge waste under the National Pollutant Discharge Elimination System.
2. The discharger makes ready-mix concrete. Wastewater is recycled during dry weather, but during rainfall periods wastewater and storm water runoff containing pollutants are discharged into Calera Creek, a tributary to San Francisco Bay, a water of the United States. The discharge occurs approximately 10 times per year as a result of overflow from a series of three settling basins. The wastewater consists of scrubber wastewater from ready-mix concrete process, equipment rinse water, and rainwater runoff from an approximately five acres paved work area.
3. The Board, in April 1975, adopted a Water Quality Control Plan for San Francisco Bay Basin. The Plan contains water quality objectives for Calera Creek and San Francisco Bay.
4. The beneficial uses of Calera Creek and the effected parts of San Francisco Bay are:
 - a. Recreation.
 - b. Fish migration and habitat.
 - c. Habitat and resting for waterfowl and migratory birds.
 - d. Industrial water supply.
 - e. Esthetic enjoyment.
 - f. Navigation.
 - g. Commercial and sport fishing.
5. Effluent limitation and toxic effluent standards established pursuant to Sections 208(b), 301, 304, and 307 of the Federal Water Pollution Control Act and amendments thereto are applicable to the discharge.

6. The issuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21000) of Division 13 of the Public Resources Code (CEQA) in accordance with Water Code Section 13389.
7. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
8. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that Milpitas Materials Company, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Prohibitions

The discharge of any wastewater during dry weather to waters of the State is prohibited.

B. Effluent Limitations

1. The discharge shall not contain settleable matter in excess of 1 ml/l-hr as an average of three samples collected in any given day.
2. The discharge shall not have pH of less than 6.5 nor greater than 8.5.
3. In any representative set of samples the waste as discharged shall meet the following limit of quality:

TOXICITY:

The survival of test fishes in 96 hour bioassays of the effluent shall achieve a median of 90% survival for three consecutive samples and a 90 percentile value of not less than 70% survival for 10 consecutive samples.

C. Receiving Water Limitations

1. The discharge of waste shall not cause the following conditions to exist in waters of the State at any place.
 - a. Floating, suspended, or deposited macroscopic particulate matter or foam;

- b. Bottom deposits or aquatic growths;
- c. Alteration of temperature, turbidity, or apparent color beyond present natural background levels;
- d. Visible, floating, suspended, or deposited oil or other products of petroleum origin;
- e. Toxic or other deleterious substances to be present in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife, or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.
- f. Variation from natural ambient pH by more than 0.2 pH units at any place in waters of the State.

D. Provisions

- 1. The discharger shall comply with all effluent and receiving water limitations and provisions of this Order immediately upon adoption.
- 2. The dischargers shall file with the Board technical reports on self-monitoring work performed according to the detailed specifications contained in any Monitoring and Reporting Program as directed by the Executive Officer.
- 3. This Order includes the attached "Standard Provisions" dated April 1977 except Provisions and Requirements A.5, A.12, A.16, B.3 and B.5.
- 4. This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from date of hearing provided the Regional Administrator of the U. S. Environmental Protection Agency has no objections.
- 5. This Order expires on July 14, 1986. The discharger must file a Report of Waste Discharge in accordance with Title 23, Chapter 3, Subchapter 9, of the California Administrative Code not later than 180 days in advance of such expiration date as application for issuance of new waste discharge requirements.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on July 15, 1981.

Attachments:

Standard Provisions & Reporting
Requirements dated April 1977
Self-Monitoring Program

FRED H. DIERKER
Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM
FOR

Milpitas Materials Company

Milpitas

Santa Clara County

NPDES NO. CA 0028177

ORDER NO. 81-41

CONSISTS OF

PART A

AND

PART B

PART B

I. DESCRIPTION OF SAMPLING STATIONS

A. EFFLUENT

<u>Station</u>	<u>Description</u>
E-001	At any point in the outfall from the treatment facilities between the point of discharge to Calera Creek and the point at which all waste tributary to that outfall is present.

B. RECEIVING WATER

<u>Station</u>	<u>Description</u>
C-1	At a point in Calera Creek located at the railroad overpass downstream from the point of discharge.

II. SCHEDULE OF SAMPLING, MEASUREMENTS, AND ANALYSES

- A. The schedule of sampling, measurements and analysis shall be that given as Table I.

I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 81-41.
2. Does not include the following paragraphs of Part A:

D.1, D.2.a, D.3, D.4, E.1, E.2, E.4, F.2, F.3.e.g.
3. Has been ordered by the Executive Officer on the date shown below and becomes effective immediately.
4. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.

FRED H. DIERKER
executive Officer

Attachment:
Table I

Date Ordered 7-21-81

TABLE 1
SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSES

SAMPLING STATIONS	E-001		C-1					
TYPE OF SAMPLES	G		O					
Settleable Matter (ml/l-hr)	M*							
pH (units)	M*							
Toxicity, % Survival	Y*							
All applicable standard observation	M*		M					

LEGEND

G = Grab sample

O = Observations

E = Waste effluent station

M = One day each month

Y = One day each year

* Take a minimum of 3 grab samples on the day of sampling. The first sample for each day shall be taken during the first hour of discharge, and the others at equal time intervals thereafter. The three samples shall be combined and analyzed.

